

Oxygen

Carbon Dioxide

Acetate

Sulfuric Acid

Hydrogen Sulfide

Water

**Organic Matter
(Sugars)**

Sulfur

Methane

Hydrogen

Alcohol Organic Acids

Gloecapsa
Oscillatoria
Spirulina

unicellular
cyanobacteria
diatom

Phormidium
sulfur bacteria

purple sulfur bacteria
colorless sulfur
bacteria
fermenters

Microcoleus

Producers

Consumers

Decomposers

Fish

Crab

nematode